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甘肃壳斗科一新种

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A NEW SPECIES OF FAGACEAE FROM GANSU

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关键词 壳斗科，文县石栎，新种
Key words Fagaceae, *Lithocarpus wenxianensis*, New species

文县石栎 新种 图 1

Lithocarpus wenxianensis Y. J. Zhang, Z. X. Peng et K. L. Zhang

Arbor sempervirens, usque 15 m alta. Ramuli robusti, cinereobrunnei vel atro-brunnei,, glabri vel puberuli; ramuli hornotini fulvo-grisei, sulcati, dense fulvo-pubescentes. Folia coriacea, oblongo-elliptica, 5—16 cm longa, 3—6 cm lata, apice acuta vel acuminata, basi cuneata, margine integra, supra glabra, subtus dense albo vel fusco-lepidota et flavo stellato-pilosa, insimul intermito pilosa, costa media robusta, nervis latiralibus 6—15, nervi supra manifeste impresi canaliculati , subtus prominentes, retibus venularum conspicuis, nervi laterales valde abeuntes prope marginem arcuati atque conjuncti. Petioli 1—1.5 cm longi, basi incrassati, pillosi. Spicae masculanae ca. 12 cm longae, plures in paniculam dispositae, ad apicem ramulorum hornotinorum nascentes, Rhachis inflorescentiae dense fulvo-stellatis et pilosis obtecta. Spicae femineae 10— 12 cm longae, rhachidis inflorescentiae dense breviter pilis fumeo-stellatis et pilosis vestita; flores feminei terni glomerati. Spica fructitera robusta, dense berviter stellato-pilosa. Cupulae crateriformes, sessiles, saepe 3 in fasciculos congestae, 1 vel 2 maturae, ca. 1.5 cm diam. 0.8— 1 cm altae, muro 0.5— 1 mm erasso, dimidium partem glandis amplectentes; squamis ovato-triangularibus vel lato-triangularibus adpressis imbricatis albo-pubescentibus. Glans globoso-conica, 1 cm alta, ca. 1.3 cm diam., parce puberula, apice stylopodio dense puberulo, instructa cicatrice concava, 0.7—1 cm diam.

Proxima Lithocarpo petelotii A. Gamus, sed differt costis mediis et nervis lateralibus supra manifeste impressis. Petiolis saepe brevioribus, 1—1.5 cm longis. Cupulae crateriformis; glandibus minoribus, vix 1.5 cm diam., leviter brevibus pubescentibus.

Gansu(甘肃): Wen Xian(文县), Biko(碧口), Liziba Yingou(李子坝银沟), alt. 1350 m, 26 Jul. 1986. Yuan Yong-ming (袁永明)no. 518(Typus! LZU)

常绿乔木，高约 15m，小枝粗壮，灰褐色或黑褐色，无毛或具稀疏柔毛；当年生枝灰黄褐色，密生短柔毛，有沟槽。叶革质，长椭圆形，长 5—16 cm，宽 3—6 cm，先端渐尖或急尖，基部楔形，全缘；

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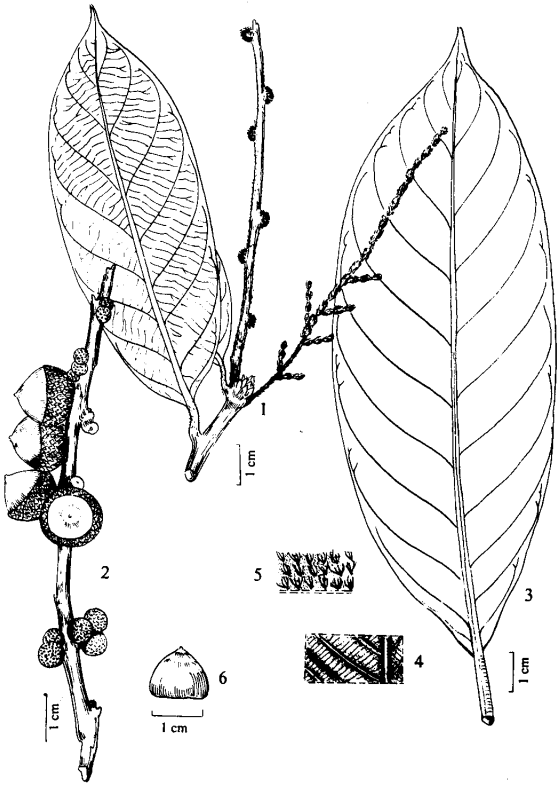

图 1 文县石栎 *Lithocarpus wenxianensis* Y. J. Zahang, Z. X. Peng et K. L. Zhang

1. 具有雌、雄花序的枝条；2. 果枝；3. 叶；4. 叶背部分放大；5. 叶背的星状毛；6. 坚果。(景文野绘)

致谢 本文插图承景文野同志绘制。

叶上面光滑，下面密被白色或棕褐色的鳞秕和灰黄色星状毛并夹有长柔毛，中脉粗，侧脉 6—15 对，叶脉在叶上面明显凹陷，下面凸出，网脉明显，侧脉在近叶缘处弓曲连接。叶柄长 1—1.5 cm，基部增粗，被柔毛。雄花序圆锥状，生于当年枝顶，长约 12cm，花序轴密被灰黄色星状毛和单毛。雌花序长约 10—12cm，花序轴密生短灰褐色星状毛和单柔毛，雌花 3 个一簇，散生于花序轴上。果序粗壮，密被星状毛。壳斗碗形，无柄，常 3 个聚生，1—2 个成熟，直径 1.5 cm，高 0.8—1 cm，壳斗壁厚约 0.5—1 mm，包围坚果 1／2 左右；壳斗鳞片卵状三角形或宽三角形，复瓦状排列，被白色柔毛。坚果圆锥形，宽约 1.3 cm，高约 1cm，被稀疏毛，珠座密被毛，果脐凹陷，口径约 0.7—1 cm。

本种与星毛石栎（*L.petelotii* A. Camus）相近，不同处是叶脉明显凹陷，叶柄较短，长达 1—1.5 cm。壳斗碗状，坚果小，直径不超过 1.5 cm，被稀疏柔毛。